

## Certificate of Analysis

Date of Testing: 2023-01-06 14:59:50  
Date of Next Testing: 2027-01-05 14:59:50  
Product Name: **N-(2-Hydroxyethyl)ethylenediamine**  
CAS Number: 111-41-1  
Specifications & Purity: reagent grade  
Lot #: D1507027  
SKU #: **H100513**  
Analysis: **175499**

Parameter	Limit Values	Result
Boiling point	240-244 (°C)	242.30 °C
Assay	98-100 (%)	98.14 %
Refractive index n <sub>20</sub> /D	1.484-1.486	1.49
Density (20°C)	1.028-1.033	1.03



John Su  
QA & QC Manager